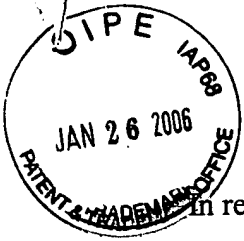


~~copy~~



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent of:

YOSHIYUKI IMANAKA, ET AL.

Appln. No.: 10/052,338

Filed: January 23, 2002

**For: HEAD SUBSTRATE HAVING DATA
MEMORY, PRINTING HEAD,
PRINTING APPARATUS AND
PRODUCING METHOD THEREFOR**

U.S. Patent No.: 6,948,789 B2

Issued: September 27, 2005

Examiner: Ly T. Tran

Group Art Unit: 2853

January 25, 2006

Certificate
JAN 31 2006
of Correction

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

01/30/2006 HALI11 00000027 6948789

01 FC:1811

100.00 QP

**CERTIFICATE OF CORRECTION UNDER
RULES 322 AND 323 AND REQUEST FOR
REPRINTED COVER PAGE OF LETTERS PATENT**

Sir:

It is respectfully requested that a Certificate of Correction be issued by the Patent and Trademark Office due to errors which appear in the printed patent as a result of Patent and Trademark Office mistakes, and mistakes of a clerical, typographical, or minor character, which were not the fault of the Patent and Trademark Office. A Certificate of Correction form, in duplicate, is enclosed.

~~01/27/2006 HALI 11 00000003 10052338~~

~~01-FC-1811~~

~~100.00-00~~

JAN 31 2008

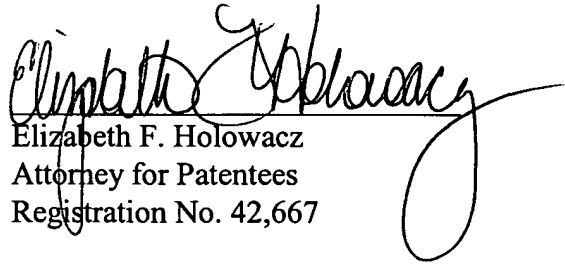
Adjustment date: 01/30/2006 HAL111
01/27/2006 HAL111 00000003 10052338
01 FC:1811 -100.00 OP

Accompanying this letter is a check for \$100.00 to cover the statutory fee for such Certificate of Correction.

The enclosed Certificate of Correction notes errors on the cover page of the patent. It is respectfully requested that the cover page be reprinted to correct such errors.

Patentees' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address given below.

Respectfully submitted,



Elizabeth F. Holowacz
Attorney for Patentees
Registration No. 42,667

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
Facsimile: (212) 218-2200

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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,948,789 B2

DATED : September 27, 2005

INVENTOR(S) : YOSHIYUKI IMANAKA, ET AL.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

ON COVER PAGE AT (75) INVENTORS

“Yoshiyuki Imanaka, Kanagawa-ken (JP); Masahiko Ogawa, Tokyo (JP); Ichiro Saito, Kanagawa-ken (JP)” should read --Yoshiyuki Imanaka, Kawasaki (JP); Masahiko Ogawa, Hino (JP); Ichiro Saito, Yokohama (JP)--.

ON COVER PAGE AT (57) ABSTRACT

Line 10, “for and data” should be deleted; and
Line 11, “readout” should be deleted.

SHEET 11

FIG. 11, “NOIZE,” should read --NOISE,--.

COLUMN 12

Line 37, “afore-mentioned,” should read --aforementioned,--.

COLUMN 14

Line 43, “means;” should read --means,--.

COLUMN 15

Line 25, “bead” should read --head--.

MAILING ADDRESS OF SENDER:

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Page 2 of 2

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COLUMN 16

Line 35, "venous" should read --various--; and

Line 59, "memroy" should read --memory--.

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